

# Search Strategy for T1D Meta-Analysis

ONLY Search for studies using the following online databases

## Acceptable Online Databases

1. SFSU OneSearch
2. Google Scholar
3. Directory of Open Access Journals
4. PsychInfo
5. OpenGrey
6. Bielfield
7. Pubmed
8. *Note: You can also use resources explicitly mentioned by an SFSU librarian*

## 10 Search Terms with Boolean Operators

Please only use the following terms when searching for research in the outlined databases in the email that was sent to you.

1. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND (Homeless OR "Homelessness" OR "Unstably Housed")
2. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND (Outcomes OR Management OR Treatment OR "Glycemic Control" OR HbA1c OR "Diabetic Complications") AND (Homeless OR "Unstably Housed")
3. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND ("Quality of Life" OR "Health Outcomes" OR "Hospitalization Rates" OR "Diabetic Ketoacidosis") AND (Homeless OR "Homelessness")
4. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND ("Barriers to Care" OR "Healthcare Access" OR "Treatment Adherence") AND (Homeless OR "Homelessness")
5. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND ("Mental Health" OR "Psychiatric Disorders" OR Depression OR Anxiety OR PTSD OR "Psychiatric Comorbidity") AND (Homeless OR "Unstably Housed")
6. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND ("Research Gaps" OR "Literature Review" OR "Systematic Review") AND (Homeless OR "Homelessness")
7. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND ("Experiences" OR "Qualitative" OR "Patient Perspective") AND (Homeless OR "Unstably Housed")
8. ("Insulin-Dependent Diabetes Mellitus") AND ("Challenges" OR "Management" OR "Outcomes") AND (Homeless OR "Homelessness")
9. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND ("Health Disparities" OR "Vulnerable Populations") AND (Homeless OR "Homelessness")
10. ("Type 1 Diabetes" OR "Insulin-Dependent Diabetes Mellitus") AND ("management" OR "treatment") AND (Homeless OR "Homelessness")

# Inclusion Criteria

## Population:

- Studies must include participants explicitly diagnosed with **Type 1 Diabetes**.
- Participants must be identified as **homeless**, which includes living on the streets, in shelters, vehicles, or other temporary or unstable accommodations.
- Study states its definition of homelessness

## Exposure/Intervention :

- Studies reporting on varying aspects of type 1 diabetes in homeless populations, including but not limited to:
  - Management
  - Outcomes
  - Interventions
  - Prevalence
  - Patient experiences
  - Barriers to care

## Study Design:

- Observational studies (e.g., cross-sectional, cohort, case-control studies).
- Qualitative or mixed-method studies exploring experiences, challenges, and patient perspectives.
- Interventional studies providing relevant outcome data specific to type 1 diabetes among homeless populations.
- Other peer reviewed studies reporting on type 1 diabetic management, outcomes, interventions, prevalence, patient experiences, or barriers to care.

## Other:

- No language restrictions; non-English studies will be translated if feasible.
- No publication date restrictions.
- Studies must be available in full text and provide sufficient data for extraction.
- Studies published after the year 2004

---

# Exclusion Criteria

## Population:

- Studies exclusively focused on **Type 2 Diabetes** or those that do not clearly differentiate between type 1 and type 2 diabetes.
- Studies that do not distinctly identify or differentiate between homeless and non-homeless populations.

**Exposure/Outcomes:**

- Studies that lack clear relevance to type 1 diabetic management, outcomes, interventions, prevalence, patient experiences, or barriers to care in the homeless population.
- Studies that provide no measurable outcomes or descriptive information relevant to type 1 diabetes among the homeless.

**Study Design:**

- Editorials, commentaries, opinion articles.
- Conference abstracts or proceedings lacking detailed methodology or sufficient outcome data.
- Reviews or meta-analyses (these may be consulted for background information only).

**Data Quality:**

- Studies assessed as having a high risk of bias or insufficient methodological rigor, as determined using standardized quality assessment tools (e.g., Newcastle–Ottawa Scale, Cochrane Risk of Bias Tool).
- Studies without clear definitions or operationalization of homelessness, diabetes type, or other critical study parameters.

**Other:**

- Studies published before the year 2005
-